

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,557,452 B1
APPLICATION NO. : 09/590646
DATED : July 7, 2009
INVENTOR(S) : Vernon M. Williams et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 20, line 15, in Claim 23, delete "said" and insert -- the --, therefor.

In column 20, line 19, in Claim 24, delete "flip chip" and insert -- flip-chip --, therefor.

In column 20, line 23, in Claim 26, delete "claim 21," and insert -- claim 22, --, therefor.

In column 20, line 30, in Claim 29, after "component" insert -- , --.

In column 22, line 8, in Claim 41, after "at least one" delete "at least one".

In column 23, line 15, in Claim 57, delete "said" and insert -- the --, therefor.

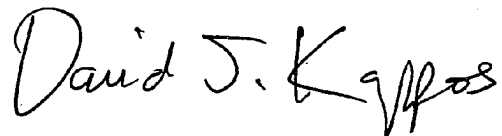
In column 24, line 64, in Claim 86, delete "flip chip" and insert -- flip-chip --, therefor.

In column 25, line 62, in Claim 108, after "at least one" delete "at least one".

In column 26, line 58, in Claim 119, delete "claim 118" and insert -- claim 118, --, therefor.

Signed and Sealed this

Twenty-fifth Day of August, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office